

(FILE 'HOME' ENTERED AT 09:38:01 ON 27 AUG 96)

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS' ENTERED AT 09:38:28 ON 27 AUG 96

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L1          446 FILE MEDLINE
L2          762 FILE BIOSIS
L3          435 FILE EMBASE
L4          48 FILE WPIDS
TOTAL FOR ALL FILES
L5          1691 S AAV OR (ADENO-ASSOCIATED VIRUS?) OR (ADENOASSOCIATED VI
L6          885 FILE MEDLINE
L7          1014 FILE BIOSIS
L8          722 FILE EMBASE
L9          10 FILE WPIDS
TOTAL FOR ALL FILES
L10         2631 S (HYPERSENSITIVE SITE?) OR (LOCUS CONTROL REGION?)
L11          7 FILE MEDLINE
L12         11 FILE BIOSIS
L13          8 FILE EMBASE
L14          0 FILE WPIDS
TOTAL FOR ALL FILES
L15         26 S L5 (P) L10
L16        326 FILE MEDLINE
L17        371 FILE BIOSIS
L18        286 FILE EMBASE
L19         22 FILE WPIDS
TOTAL FOR ALL FILES
L20        1005 S ((ROUS SARCOMA VIRUS?) OR RSV) (P) PROMOTER
L21          1 FILE MEDLINE
L22          1 FILE BIOSIS
L23          1 FILE EMBASE
L24          0 FILE WPIDS
TOTAL FOR ALL FILES
L25          3 S L5 (P) L20
L26       60171 FILE MEDLINE
L27       41221 FILE BIOSIS
L28       42823 FILE EMBASE
L29        171 FILE WPIDS
TOTAL FOR ALL FILES
L30      144386 S ANEMIA
L31          4 FILE MEDLINE
L32         10 FILE BIOSIS
L33          5 FILE EMBASE
L34          0 FILE WPIDS
TOTAL FOR ALL FILES
L35         19 S L5 (P) L30
L36        9578 FILE MEDLINE
L37       38781 FILE BIOSIS
L38        6614 FILE EMBASE
L39        190 FILE WPIDS
TOTAL FOR ALL FILES
L40       55163 S GLOBIN?
L41         11 FILE MEDLINE
L42         25 FILE BIOSIS
L43         12 FILE EMBASE
L44          3 FILE WPIDS
TOTAL FOR ALL FILES
L45         51 S L5 (P) L40
L46        11 DUP REM L15 (15 DUPLICATES REMOVED)
L47         1 DUP REM L25 (2 DUPLICATES REMOVED)

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checked lines 46-49

AJN 8-27-96

L48 10 DUP REM L (9 DUPLICATES REMOVED)
L49 32 DUP REM L49 (19 DUPLICATES REMOVED)

=> d l46 ti 1-11

L46 ANSWER 1 OF 11 BIOSIS COPYRIGHT 1996 BIOSIS DUPLICATE 1
TI Synthesis of human globin polypeptides mediated by recombinant
adeno-associated virus vectors.

L46 ANSWER 2 OF 11 MEDLINE DUPLICATE 2
TI Adeno-associated virus 2-mediated transduction and erythroid
cell-specific expression of a human beta-globin gene.

L46 ANSWER 3 OF 11 MEDLINE DUPLICATE 3
TI Regulated high-level human beta-globin gene expression in erythroid
cells following recombinant adeno-associated virus-mediated gene
transfer.

L46 ANSWER 4 OF 11 MEDLINE DUPLICATE 4
TI Recombinant adeno-associated virus (rAAV)-mediated expression of a
human gamma-globin gene in human progenitor-derived erythroid cells
[published erratum appears in Proc Natl Acad Sci U S A 1995 Jan
17;92(2):646].

L46 ANSWER 5 OF 11 MEDLINE DUPLICATE 5
TI Adeno-associated virus 2-mediated high efficiency gene transfer into
immature and mature subsets of hematopoietic progenitor cells in
human umbilical cord blood.

L46 ANSWER 6 OF 11 BIOSIS COPYRIGHT 1996 BIOSIS
TI Transduction of human hematopoietic cells by the **adeno-**
associated virus 2 vectors is receptor-mediated.

L46 ANSWER 7 OF 11 MEDLINE DUPLICATE 6
TI Single-copy transduction and expression of human gamma-globin in
K562 erythroleukemia cells using recombinant adeno-associated virus
vectors: the effect of mutations in NF-E2 and GATA-1 binding motifs
within the hypersensitivity site 2 enhancer [published erratum
appears in Blood 1995 Feb 1;85(3):862].

L46 ANSWER 8 OF 11 BIOSIS COPYRIGHT 1996 BIOSIS
TI **Adeno-associated virus** 2-mediated gene
transfer in hematopoietic progenitor cells in human umbilical cord
blood.

L46 ANSWER 9 OF 11 BIOSIS COPYRIGHT 1996 BIOSIS
TI A BETA THALASSAEMIA GENE THERAPY STRATEGY.

L46 ANSWER 10 OF 11 MEDLINE DUPLICATE 7
TI Regulated high level expression of a human gamma-globin gene
introduced into erythroid cells by an adeno-associated virus vector.

L46 ANSWER 11 OF 11 MEDLINE DUPLICATE 8
TI Conserved chromatin structure in c-myc 5'flanking DNA after viral
transduction.

=> d l47 ti

L47 ANSWER 1 OF 1 MEDLINE DUPLICATE 1
TI Efficient gene transfer into nondividing cells by adeno-associated
virus-based vectors.

=> d l48 ti 1-10

L48 ANSWER 1 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS DUPLICATE 1
TI The Fanconi **anemia** complementation group C gene (FAC)
suppresses transformation of mutant fibroblasts by the SV40 virus.

L48 ANSWER 2 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS
TI Recombinant **adeno-associated virus**
(rAAV) mediated transduction and expression of a human gamma-globin
gene in CD34+ selected peripheral blood cells from a patient with
sickle cell **anemia**.

L48 ANSWER 3 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS
TI Fanconi **anemia**: A candidate disease for gene therapy.

L48 ANSWER 4 OF 10 MEDLINE DUPLICATE 2
TI Regulated high-level human beta-globin gene expression in erythroid
cells following recombinant adeno-associated virus-mediated gene
transfer.

L48 ANSWER 5 OF 10 MEDLINE DUPLICATE 3
TI Cloning and sequencing of the simian parvovirus genome.

L48 ANSWER 6 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS
TI **Adeno-associated virus (AAV)**:
A novel viral vector for human gene therapy.

L48 ANSWER 7 OF 10 MEDLINE DUPLICATE 4
TI Recombinant adeno-associated virus (rAAV)-mediated expression of a
human gamma-globin gene in human progenitor-derived erythroid cells
[published erratum appears in Proc Natl Acad Sci U S A 1995 Jan
17;92(2):646].

L48 ANSWER 8 OF 10 MEDLINE DUPLICATE 5
TI Phenotypic correction of Fanconi **anemia** in human
hematopoietic cells with a recombinant **adeno-**
associated virus vector [see comments].

L48 ANSWER 9 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS
TI In vivo gene transfer in murine hematopoietic reconstituting stem
cells mediated by an **adeno-associated**
virus-2 based vector.

L48 ANSWER 10 OF 10 BIOSIS COPYRIGHT 1996 BIOSIS
TI Phenotypic correction of Fanconi **anemia** (FACC) in
lymphoblasts and CD34+ progenitors with a recombinant **adeno**
-associated virus (rAAV) vector.

=> d l49 ti 1-32

L49 ANSWER 1 OF 32 WPIDS COPYRIGHT 1996 DERWENT INFORMATION LTD
TI Adeno-associated viral vectors - made in a semi-packaging cell line
and comprising nucleic acid encoding therapeutic gene prod..

L49 ANSWER 2 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Development a protocol in vivo for recombinant **adeno-**
associated virus-mediated gene therapy of
hemoglobinopathies.

L49 ANSWER 3 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS DUPLICATE 1
TI Synthesis of human **globin** polypeptides mediated by
recombinant **adeno-associated virus**

vectors.

- L49 ANSWER 4 OF 32 MEDLINE DUPLICATE 2
TI **Adeno-associated virus** 2-mediated transduction and erythroid cell-specific expression of a human **beta-globin** gene.
- L49 ANSWER 5 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Recombinant **adeno-associated virus** (rAAV) mediated transduction and expression of a human **gamma-globin** gene in CD34+ selected peripheral blood cells from a patient with sickle cell anemia.
- L49 ANSWER 6 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI **Adeno-associated virus** (AAV) gene transfer of the human **gamma-globin** gene into normal human bone marrow progenitor-stem cells (P-SC).
- L49 ANSWER 7 OF 32 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.
TI Erratum: 'Single-copy' transduction and expression of human **gamma-globin** in K562 erythroleukemia cells using recombinant **adeno-associated virus** vectors: The effect of mutations in NF-E2 and GATA-1 binding motifs within the hypersensitivity site 2 enhancer (Blood (September 15, 1993) 82:6 (1990- 1996)).
- L49 ANSWER 8 OF 32 EMBASE COPYRIGHT 1996 ELSEVIER SCI. B.V.
TI Erratum: Recombinant **adeno-associated virus** (rAAV)-mediated expression of a human **gamma-globin** gene in human progenitor-derived erythroid cells (Proceedings of the National Academy of Science of the United States of America (October 1, 1994) 91:21 (10183-10187)).
- L49 ANSWER 9 OF 32 MEDLINE DUPLICATE 3
TI Regulated high-level human **beta-globin** gene expression in erythroid cells following recombinant **adeno-associated virus**-mediated gene transfer.
- L49 ANSWER 10 OF 32 MEDLINE DUPLICATE 4
TI Recombinant **adeno-associated virus** (rAAV)-mediated expression of a human **gamma-globin** gene in human progenitor-derived erythroid cells [published erratum appears in Proc Natl Acad Sci U S A 1995 Jan 17;92(2):646].
- L49 ANSWER 11 OF 32 MEDLINE DUPLICATE 5
TI Adeno-associated virus 2-mediated high efficiency gene transfer into immature and mature subsets of hematopoietic progenitor cells in human umbilical cord blood.
- L49 ANSWER 12 OF 32 MEDLINE DUPLICATE 6
TI Suppression of human **alpha-globin** gene expression mediated by the recombinant **adeno-associated virus** 2-based antisense vectors.
- L49 ANSWER 13 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Long-term liquid suspension culture for human peripheral blood mononuclear cells and CD34+ hematopoietic stem-progenitor cells.
- L49 ANSWER 14 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Efficient synthesis of human **globin** polypeptides in recombinant **adeno-associated virus** -transduced cells.

L49 ANSWER 15 OF 32 WPIDS COPYRIGHT 1996 DERWENT INFORMATION LTD
TI Cell targetting cell vehicle with esp. surface marker for gene therapy - comprises virus envelope protein contg. therapeutic agent, e.g. nucleic acid and material binding specifically to cell marker, for genetic abnormality.

L49 ANSWER 16 OF 32 WPIDS COPYRIGHT 1996 DERWENT INFORMATION LTD
TI Adeno-associated virus-2 basal vectors - for gene therapy and treatment of haemoglobinopathies and cancer etc. - has cassette contg. a promoter capable of cell-specific expression, between 2 inverted terminal repeats of the adeno-associated virus 2.

L49 ANSWER 17 OF 32 MEDLINE DUPLICATE 7
TI Single-copy transduction and expression of human gamma-**globin** in K562 erythroleukemia cells using recombinant **adeno-associated virus** vectors: the effect of mutations in NF-E2 and GATA-1 binding motifs within the hypersensitivity site 2 enhancer [published erratum appears in Blood 1995 Feb 1;85(3):862].

L49 ANSWER 18 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Expression of the human gamma-**globin** gene in purified rhesus hematopoietic progenitor cells transduced with a recombinant **adeno-associated virus** (rAAV) vector.

L49 ANSWER 19 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI **Adeno-associated virus** 2-mediated transduction and erythroid cell-specific expression of a normal human beta-**globin** gene.

L49 ANSWER 20 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI Suppression of human alpha-**globin** gene expression mediated by the recombinant **adeno-associated virus** 2-based anti-sense vectors.

L49 ANSWER 21 OF 32 MEDLINE
TI Gene therapy for human hemoglobinopathies.

L49 ANSWER 22 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI A BETA THALASSAEMIA GENE THERAPY STRATEGY.

L49 ANSWER 23 OF 32 MEDLINE DUPLICATE 8
TI Regulated high level expression of a human gamma-**globin** gene introduced into erythroid cells by an **adeno-associated virus** vector.

L49 ANSWER 24 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI SYNTHESIS OF A HUMAN BETA **GLOBIN** IN THE RECOMBINANT **ADENO-ASSOCIATED VIRUS**-INFECTED CELLS TOWARDS GENE THERAPY OF HEMOGLOBINOPATHIES.

L49 ANSWER 25 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI PRODUCTION OF A HELPER-FREE RECOMBINANT **ADENO-ASSOCIATED VIRUS** THAT HARBORS HUMAN BETA **GLOBIN** COMPLEMENTARY DNA.

L49 ANSWER 26 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI GENE TRANSFER AND HIGH LEVEL EXPRESSION OF A HUMAN GAMMA **GLOBIN** GENE MEDIATED BY A NOVEL **ADENO-ASSOCIATED VIRUS** AAV VECTOR.

L49 ANSWER 27 OF 32 MEDLINE DUPLICATE 9

TI Construction and expression of a recombinant **adeno-associated virus** that harbors a human beta-globin-encoding cDNA.

L49 ANSWER 28 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI PRODUCTION AND EXPRESSION OF RECOMBINANT **ADENO-ASSOCIATED VIRUSES** HARBORING HUMAN BETA GLOBIN COMPLEMENTARY DNA.

L49 ANSWER 29 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI CONSTRUCTION OF RECOMBINANT **ADENO-ASSOCIATED VIRUS** THAT HARBORS HUMAN BETA GLOBIN COMPLEMENTARY DNA.

L49 ANSWER 30 OF 32 MEDLINE DUPLICATE 10
TI Construction and replication of an **adeno-associated virus** expression vector that contains human beta-globin cDNA.

L49 ANSWER 31 OF 32 MEDLINE
TI The recombinant human parvoviruses for gene therapy of hemoglobinopathies.

L49 ANSWER 32 OF 32 BIOSIS COPYRIGHT 1996 BIOSIS
TI CONSTRUCTION AND CHARACTERIZATION OF RECOMBINANT **ADENO-ASSOCIATED VIRUS** GENOME CONTAINING HUMAN BETA GLOBIN COMPLEMENTARY DNA.

=> d his

(FILE 'HOME' ENTERED AT 11:25:14 ON 27 AUG 96)

FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS' ENTERED AT 11:25:24 ON 27 AUG 96

L1 2912 FILE MEDLINE
L2 2655 FILE BIOSIS
L3 1717 FILE EMBASE
L4 120 FILE WPIDS

TOTAL FOR ALL FILES

L5 7404 S FACTOR IX
L6 446 FILE MEDLINE
L7 762 FILE BIOSIS
L8 435 FILE EMBASE
L9 48 FILE WPIDS

TOTAL FOR ALL FILES

L10 1691 S AAV OR (ADENO-ASSOCIATED VIRUS?) OR (ADENOASSOCIATED VI
L11 0 FILE MEDLINE
L12 1 FILE BIOSIS
L13 0 FILE EMBASE
L14 0 FILE WPIDS

TOTAL FOR ALL FILES

L15 1 S L5 (P) L10

=> d ibib

L15 ANSWER 1 OF 1 BIOSIS COPYRIGHT 1996 BIOSIS

ACCESSION NUMBER: 95:476541 BIOSIS

DOCUMENT NUMBER: 98490841

TITLE: Transduction of hepatocytes in vivo with
adeno-associated virus

vectors as a model for hepatic gene therapy.

AUTHOR(S): Koeberl D D; Alexander I E; Miller A D

CORPORATE SOURCE: Fred Hutchinson Cancer Research Center, Seattle,
WA, USA

SOURCE: 45th Annual Meeting of the American Society of
Human Genetics, Minneapolis, Minnesota, USA,
October 24-28, 1995. American Journal of Human
Genetics 57 (4 SUPPL.). 1995. A43. ISSN:
0002-9297

DOCUMENT TYPE: Conference